

Release notes for ENDF/B Development n-024_Cr_053
evaluation



April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=2434, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=2434, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER 469 TO 571
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=2434, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=2434, MF= 1, MT=451
MOD = 4 OUT OF RANGE 0 - 0 RECORD NUMBER 469
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=2434, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY RECORD NUMBER 573
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 1 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY RECORD NUMBER 931
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 2 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY RECORD NUMBER 1655
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 3 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 3
SECTION 3/ 3 NOT IN DIRECTORY RECORD NUMBER 2379
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 4 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY RECORD NUMBER 2455
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 5 (0): Directory (b)

ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 5
SECTION 3/ 5 NOT IN DIRECTORY RECORD NUMBER 2475

8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 16 (0): Directory (b)

ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY RECORD NUMBER 2530

9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 22
SECTION 3/ 22 NOT IN DIRECTORY RECORD NUMBER 2539

10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 28
SECTION 3/ 28 NOT IN DIRECTORY RECORD NUMBER 2546

11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 51 (0): Directory (b)

ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 51
SECTION 3/ 51 NOT IN DIRECTORY RECORD NUMBER 2553

12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 52 (0): Directory (b)

ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 52
SECTION 3/ 52 NOT IN DIRECTORY RECORD NUMBER 2569

13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 53
SECTION 3/ 53 NOT IN DIRECTORY RECORD NUMBER 2584

14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 54 (0): Directory (b)

ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 54
SECTION 3/ 54 NOT IN DIRECTORY RECORD NUMBER 2599

15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 55 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 55 | RECORD NUMBER | 2613 |
| SECTION 3/ 55 NOT IN DIRECTORY | | |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 56 | RECORD NUMBER | 2627 |
| SECTION 3/ 56 NOT IN DIRECTORY | | |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 57 | RECORD NUMBER | 2641 |
| SECTION 3/ 57 NOT IN DIRECTORY | | |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 58 | RECORD NUMBER | 2654 |
| SECTION 3/ 58 NOT IN DIRECTORY | | |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 59 | RECORD NUMBER | 2667 |
| SECTION 3/ 59 NOT IN DIRECTORY | | |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 60 | RECORD NUMBER | 2680 |
| SECTION 3/ 60 NOT IN DIRECTORY | | |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 61 | RECORD NUMBER | 2693 |
| SECTION 3/ 61 NOT IN DIRECTORY | | |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 62 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 62 | RECORD NUMBER | 2706 |
| SECTION 3/ 62 NOT IN DIRECTORY | | |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 63 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 63 | |
| | SECTION 3/ 63 NOT IN DIRECTORY | RECORD NUMBER 2719 |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT= 91 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=2434, MF= 3, MT= 91 | |
| | SECTION 3/ 91 NOT IN DIRECTORY | RECORD NUMBER 2732 |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT=102 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=2434, MF= 3, MT=102 | |
| | SECTION 3/102 NOT IN DIRECTORY | RECORD NUMBER 2745 |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT=103 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=2434, MF= 3, MT=103 | |
| | SECTION 3/103 NOT IN DIRECTORY | RECORD NUMBER 2758 |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 3, MT=107 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=2434, MF= 3, MT=107 | |
| | SECTION 3/107 NOT IN DIRECTORY | RECORD NUMBER 2771 |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 4, MT= 2 (0): Directory (b)
- | | | |
|--|--|--------------------|
| | ERROR(S) FOUND IN MAT=2434, MF= 4, MT= 2 | |
| | SECTION 4/ 2 NOT IN DIRECTORY | RECORD NUMBER 2788 |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 5 (0): Directory (b)
- | | | |
|--|--|--------------------|
| | ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 5 | |
| | SECTION 6/ 5 NOT IN DIRECTORY | RECORD NUMBER 7038 |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 16 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 16 | |
| | SECTION 6/ 16 NOT IN DIRECTORY | RECORD NUMBER 19960 |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 22 (0): Directory (b)

- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 22
SECTION 6/ 22 NOT IN DIRECTORY RECORD NUMBER 20250
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 28 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 28
SECTION 6/ 28 NOT IN DIRECTORY RECORD NUMBER 20500
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 51
SECTION 6/ 51 NOT IN DIRECTORY RECORD NUMBER 20734
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 52
SECTION 6/ 52 NOT IN DIRECTORY RECORD NUMBER 20742
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 53
SECTION 6/ 53 NOT IN DIRECTORY RECORD NUMBER 20750
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 54
SECTION 6/ 54 NOT IN DIRECTORY RECORD NUMBER 20758
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 55
SECTION 6/ 55 NOT IN DIRECTORY RECORD NUMBER 20766
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 56
SECTION 6/ 56 NOT IN DIRECTORY RECORD NUMBER 20774
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 57 (0): Directory (b)

- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 57
SECTION 6/ 57 NOT IN DIRECTORY RECORD NUMBER 20782
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 58
SECTION 6/ 58 NOT IN DIRECTORY RECORD NUMBER 20790
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 59
SECTION 6/ 59 NOT IN DIRECTORY RECORD NUMBER 20798
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 60
SECTION 6/ 60 NOT IN DIRECTORY RECORD NUMBER 20806
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 61 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 61
SECTION 6/ 61 NOT IN DIRECTORY RECORD NUMBER 20814
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 62
SECTION 6/ 62 NOT IN DIRECTORY RECORD NUMBER 20822
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 63 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 63
SECTION 6/ 63 NOT IN DIRECTORY RECORD NUMBER 20830
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT= 91 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT= 91
SECTION 6/ 91 NOT IN DIRECTORY RECORD NUMBER 20838
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT=103 (0): Directory (b)

- ERROR(S) FOUND IN MAT=2434, MF= 6, MT=103
SECTION 6/103 NOT IN DIRECTORY RECORD NUMBER 21953
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF= 6, MT=107 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF= 6, MT=107
SECTION 6/107 NOT IN DIRECTORY RECORD NUMBER 22625
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 51
SECTION 12/ 51 NOT IN DIRECTORY RECORD NUMBER 23465
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 52
SECTION 12/ 52 NOT IN DIRECTORY RECORD NUMBER 23469
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 53
SECTION 12/ 53 NOT IN DIRECTORY RECORD NUMBER 23473
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 54
SECTION 12/ 54 NOT IN DIRECTORY RECORD NUMBER 23477
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 55
SECTION 12/ 55 NOT IN DIRECTORY RECORD NUMBER 23481
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 56
SECTION 12/ 56 NOT IN DIRECTORY RECORD NUMBER 23485
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 57 (0): Directory (b)

- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 57
SECTION 12/ 57 NOT IN DIRECTORY RECORD NUMBER 23489
56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 58
SECTION 12/ 58 NOT IN DIRECTORY RECORD NUMBER 23493
57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 59
SECTION 12/ 59 NOT IN DIRECTORY RECORD NUMBER 23497
58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 60
SECTION 12/ 60 NOT IN DIRECTORY RECORD NUMBER 23501
59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 61 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 61
SECTION 12/ 61 NOT IN DIRECTORY RECORD NUMBER 23505
60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 62
SECTION 12/ 62 NOT IN DIRECTORY RECORD NUMBER 23509
61. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT= 63 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT= 63
SECTION 12/ 63 NOT IN DIRECTORY RECORD NUMBER 23513
62. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=12, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=12, MT=102
SECTION 12/102 NOT IN DIRECTORY RECORD NUMBER 23518
63. Missing a gamma spectrum for continuum of gammas
MAT=2434, MF=12, MT=102 (1): No gamma spectrum
- ERROR(S) FOUND IN MAT=2434, MF=12, MT=102
CONTINUUM PHOTONS REQUIRE A SECTION IN MF=15

64. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 51
SECTION 14/ 51 NOT IN DIRECTORY RECORD NUMBER 23889
65. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 52
SECTION 14/ 52 NOT IN DIRECTORY RECORD NUMBER 23891
66. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 53
SECTION 14/ 53 NOT IN DIRECTORY RECORD NUMBER 23893
67. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 54
SECTION 14/ 54 NOT IN DIRECTORY RECORD NUMBER 23895
68. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 55
SECTION 14/ 55 NOT IN DIRECTORY RECORD NUMBER 23897
69. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 56
SECTION 14/ 56 NOT IN DIRECTORY RECORD NUMBER 23899
70. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 57
SECTION 14/ 57 NOT IN DIRECTORY RECORD NUMBER 23901
71. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 58
SECTION 14/ 58 NOT IN DIRECTORY RECORD NUMBER 23903

72. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 59
SECTION 14/ 59 NOT IN DIRECTORY RECORD NUMBER 23905
73. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 60
SECTION 14/ 60 NOT IN DIRECTORY RECORD NUMBER 23907
74. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 61 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 61
SECTION 14/ 61 NOT IN DIRECTORY RECORD NUMBER 23909
75. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 62
SECTION 14/ 62 NOT IN DIRECTORY RECORD NUMBER 23911
76. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT= 63 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT= 63
SECTION 14/ 63 NOT IN DIRECTORY RECORD NUMBER 23913
77. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=14, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=14, MT=102
SECTION 14/102 NOT IN DIRECTORY RECORD NUMBER 23915
78. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=15, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=15, MT=102
SECTION 15/102 NOT IN DIRECTORY RECORD NUMBER 23918
79. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=32, MT=151 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=32, MT=151
SECTION 32/151 NOT IN DIRECTORY RECORD NUMBER 24156

80. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 1 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 1
SECTION 33/ 1 NOT IN DIRECTORY RECORD NUMBER 116477
81. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 2 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 2
SECTION 33/ 2 NOT IN DIRECTORY RECORD NUMBER 116495
82. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 3 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 3
SECTION 33/ 3 NOT IN DIRECTORY RECORD NUMBER 116515
83. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 4 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 4
SECTION 33/ 4 NOT IN DIRECTORY RECORD NUMBER 116529
84. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 16 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 16
SECTION 33/ 16 NOT IN DIRECTORY RECORD NUMBER 116539
85. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 22 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 22
SECTION 33/ 22 NOT IN DIRECTORY RECORD NUMBER 116554
86. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 28 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 28
SECTION 33/ 28 NOT IN DIRECTORY RECORD NUMBER 116569
87. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 51
SECTION 33/ 51 NOT IN DIRECTORY RECORD NUMBER 116584

88. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 52
SECTION 33/ 52 NOT IN DIRECTORY RECORD NUMBER 116599
89. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 53
SECTION 33/ 53 NOT IN DIRECTORY RECORD NUMBER 116614
90. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 54
SECTION 33/ 54 NOT IN DIRECTORY RECORD NUMBER 116629
91. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 55
SECTION 33/ 55 NOT IN DIRECTORY RECORD NUMBER 116644
92. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 56
SECTION 33/ 56 NOT IN DIRECTORY RECORD NUMBER 116659
93. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 57
SECTION 33/ 57 NOT IN DIRECTORY RECORD NUMBER 116674
94. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 58
SECTION 33/ 58 NOT IN DIRECTORY RECORD NUMBER 116689
95. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 59
SECTION 33/ 59 NOT IN DIRECTORY RECORD NUMBER 116704

96. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 60
SECTION 33/ 60 NOT IN DIRECTORY RECORD NUMBER 116719
97. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 61 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 61
SECTION 33/ 61 NOT IN DIRECTORY RECORD NUMBER 116734
98. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 62
SECTION 33/ 62 NOT IN DIRECTORY RECORD NUMBER 116749
99. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 63 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 63
SECTION 33/ 63 NOT IN DIRECTORY RECORD NUMBER 116764
100. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT= 91 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT= 91
SECTION 33/ 91 NOT IN DIRECTORY RECORD NUMBER 116779
101. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT=102
SECTION 33/102 NOT IN DIRECTORY RECORD NUMBER 116792
102. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT=103 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT=103
SECTION 33/103 NOT IN DIRECTORY RECORD NUMBER 116805
103. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=2434, MF=33, MT=107 (0): Directory (b)
- ERROR(S) FOUND IN MAT=2434, MF=33, MT=107
SECTION 33/107 NOT IN DIRECTORY RECORD NUMBER 116822

- psyche Warnings:

1. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 0 / AT RESONANCE ENERGY 2.58956E+04 EV. THE GAMMA WIDTH 3.72310E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 0

AT RESONANCE ENERGY 2.58956E+04 EV. THE GAMMA WIDTH 3.72310E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

2. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 0 / AT RESONANCE ENERGY 7.42983E+04 EV. THE GAMMA WIDTH 3.32771E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 0

AT RESONANCE ENERGY 7.42983E+04 EV. THE GAMMA WIDTH 3.32771E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

3. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 0 / AT RESONANCE ENERGY 1.95900E+05 EV. THE GAMMA WIDTH 2.59414E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 0

AT RESONANCE ENERGY 1.95900E+05 EV. THE GAMMA WIDTH 2.59414E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

4. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 0 / AT RESONANCE ENERGY 2.64530E+05 EV. THE GAMMA WIDTH 2.18806E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 0

AT RESONANCE ENERGY 2.64530E+05 EV. THE GAMMA WIDTH 2.18806E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

5. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 0 / AT RESONANCE ENERGY 2.92278E+05 EV. THE GAMMA WIDTH 2.01419E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 0

AT RESONANCE ENERGY 2.92278E+05 EV. THE GAMMA WIDTH 2.01419E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

6. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 0 / AT RESONANCE ENERGY 4.09402E+05 EV. THE GAMMA WIDTH 4.05209E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 0
AT RESONANCE ENERGY 4.09402E+05 EV. THE GAMMA WIDTH 4.05209E+00 DEVIATES TOO MUCH FROM THE AV

7. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 0 / AT RESONANCE ENERGY 4.79635E+05 EV. THE GAMMA WIDTH 4.15090E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 0
AT RESONANCE ENERGY 4.79635E+05 EV. THE GAMMA WIDTH 4.15090E+00 DEVIATES TOO MUCH FROM THE AV

8. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 0 / AT RESONANCE ENERGY 4.92208E+05 EV. THE GAMMA WIDTH 2.58181E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 0
AT RESONANCE ENERGY 4.92208E+05 EV. THE GAMMA WIDTH 2.58181E-01 DEVIATES TOO MUCH FROM THE AV

9. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 0 / AT RESONANCE ENERGY 5.41701E+05 EV. THE GAMMA WIDTH 4.05538E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.20062E+00 (0): Gamma width

FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 0
AT RESONANCE ENERGY 5.41701E+05 EV. THE GAMMA WIDTH 4.05538E+00 DEVIATES TOO MUCH FROM THE AV

10. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 1.29537E+04 EV. THE GAMMA WIDTH 1.45709E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 1.29537E+04 EV. THE GAMMA WIDTH 1.45709E-01 DEVIATES TOO MUCH FROM THE AV

11. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 1.46570E+04 EV. THE GAMMA WIDTH 3.08084E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 1.46570E+04 EV. THE GAMMA WIDTH 3.08084E-01 DEVIATES TOO MUCH FROM THE AV

12. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE

ENERGY 1.60286E+04 EV. THE GAMMA WIDTH 2.86473E-02 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 1.60286E+04 EV. THE GAMMA WIDTH 2.86473E-02 DEVIATES TOO MUCH FROM THE AV

13. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.43324E+04 EV. THE GAMMA WIDTH 2.81579E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.43324E+04 EV. THE GAMMA WIDTH 2.81579E-01 DEVIATES TOO MUCH FROM THE AV

14. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 3.15923E+04 EV. THE GAMMA WIDTH 2.76403E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 3.15923E+04 EV. THE GAMMA WIDTH 2.76403E-01 DEVIATES TOO MUCH FROM THE AV

15. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 3.21528E+04 EV. THE GAMMA WIDTH 2.19356E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 3.21528E+04 EV. THE GAMMA WIDTH 2.19356E-01 DEVIATES TOO MUCH FROM THE AV

16. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 3.50288E+04 EV. THE GAMMA WIDTH 3.09382E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 3.50288E+04 EV. THE GAMMA WIDTH 3.09382E-01 DEVIATES TOO MUCH FROM THE AV

17. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 4.32797E+04 EV. THE GAMMA WIDTH 2.36468E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 4.32797E+04 EV. THE GAMMA WIDTH 2.36468E-01 DEVIATES TOO MUCH FROM THE AV

18. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 6.64594E+04 EV. THE GAMMA WIDTH 2.18456E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 6.64594E+04 EV. THE GAMMA WIDTH 2.18456E-01 DEVIATES TOO MUCH FROM THE AV

19. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 6.96900E+04 EV. THE GAMMA WIDTH 2.18241E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 6.96900E+04 EV. THE GAMMA WIDTH 2.18241E-01 DEVIATES TOO MUCH FROM THE AV

20. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 1.00037E+05 EV. THE GAMMA WIDTH 2.86580E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 1.00037E+05 EV. THE GAMMA WIDTH 2.86580E-01 DEVIATES TOO MUCH FROM THE AV

21. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 1.41841E+05 EV. THE GAMMA WIDTH 3.38140E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 1.41841E+05 EV. THE GAMMA WIDTH 3.38140E-01 DEVIATES TOO MUCH FROM THE AV

22. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 1.59471E+05 EV. THE GAMMA WIDTH 1.77392E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 1.59471E+05 EV. THE GAMMA WIDTH 1.77392E-01 DEVIATES TOO MUCH FROM THE AV

23. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 1.68994E+05 EV. THE GAMMA WIDTH 1.65636E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 1.68994E+05 EV. THE GAMMA WIDTH 1.65636E-01 DEVIATES TOO MUCH FROM THE AV
24. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 1.81073E+05 EV. THE GAMMA WIDTH 2.77229E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 1.81073E+05 EV. THE GAMMA WIDTH 2.77229E-01 DEVIATES TOO MUCH FROM THE AV
25. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 1.85562E+05 EV. THE GAMMA WIDTH 3.22183E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 1.85562E+05 EV. THE GAMMA WIDTH 3.22183E-01 DEVIATES TOO MUCH FROM THE AV
26. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.01870E+05 EV. THE GAMMA WIDTH 3.36646E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 2.01870E+05 EV. THE GAMMA WIDTH 3.36646E-01 DEVIATES TOO MUCH FROM THE AV
27. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.09323E+05 EV. THE GAMMA WIDTH 2.85995E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 2.09323E+05 EV. THE GAMMA WIDTH 2.85995E-01 DEVIATES TOO MUCH FROM THE AV
28. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.14065E+05 EV. THE GAMMA WIDTH 1.26216E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 2.14065E+05 EV. THE GAMMA WIDTH 1.26216E-01 DEVIATES TOO MUCH FROM THE AV
29. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE

ENERGY 2.15331E+05 EV. THE GAMMA WIDTH 1.99833E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.15331E+05 EV. THE GAMMA WIDTH 1.99833E-01 DEVIATES TOO MUCH FROM THE AV

30. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.15855E+05 EV. THE GAMMA WIDTH 2.35328E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.15855E+05 EV. THE GAMMA WIDTH 2.35328E-01 DEVIATES TOO MUCH FROM THE AV

31. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.21819E+05 EV. THE GAMMA WIDTH 4.46069E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.21819E+05 EV. THE GAMMA WIDTH 4.46069E+00 DEVIATES TOO MUCH FROM THE AV

32. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.21943E+05 EV. THE GAMMA WIDTH 7.84024E-04 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.21943E+05 EV. THE GAMMA WIDTH 7.84024E-04 DEVIATES TOO MUCH FROM THE AV

33. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.32258E+05 EV. THE GAMMA WIDTH 2.71583E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.32258E+05 EV. THE GAMMA WIDTH 2.71583E-01 DEVIATES TOO MUCH FROM THE AV

34. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.34135E+05 EV. THE GAMMA WIDTH 3.14346E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.34135E+05 EV. THE GAMMA WIDTH 3.14346E-01 DEVIATES TOO MUCH FROM THE AV

35. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.37337E+05 EV. THE GAMMA WIDTH 3.13850E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.37337E+05 EV. THE GAMMA WIDTH 3.13850E-01 DEVIATES TOO MUCH FROM THE AV

36. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.39407E+05 EV. THE GAMMA WIDTH 1.35011E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.39407E+05 EV. THE GAMMA WIDTH 1.35011E-01 DEVIATES TOO MUCH FROM THE AV

37. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.58777E+05 EV. THE GAMMA WIDTH 2.51913E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.58777E+05 EV. THE GAMMA WIDTH 2.51913E-01 DEVIATES TOO MUCH FROM THE AV

38. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.82235E+05 EV. THE GAMMA WIDTH 2.61310E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.82235E+05 EV. THE GAMMA WIDTH 2.61310E-01 DEVIATES TOO MUCH FROM THE AV

39. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.82568E+05 EV. THE GAMMA WIDTH 1.54940E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 2.82568E+05 EV. THE GAMMA WIDTH 1.54940E-01 DEVIATES TOO MUCH FROM THE AV

40. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 2.91650E+05 EV. THE GAMMA WIDTH 3.35570E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 2.91650E+05 EV. THE GAMMA WIDTH 3.35570E-01 DEVIATES TOO MUCH FROM THE AV
41. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 3.63780E+05 EV. THE GAMMA WIDTH 1.90538E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 3.63780E+05 EV. THE GAMMA WIDTH 1.90538E-01 DEVIATES TOO MUCH FROM THE AV
42. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 3.67998E+05 EV. THE GAMMA WIDTH 2.98923E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 3.67998E+05 EV. THE GAMMA WIDTH 2.98923E-01 DEVIATES TOO MUCH FROM THE AV
43. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 4.00763E+05 EV. THE GAMMA WIDTH 2.44497E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 4.00763E+05 EV. THE GAMMA WIDTH 2.44497E-01 DEVIATES TOO MUCH FROM THE AV
44. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 4.11279E+05 EV. THE GAMMA WIDTH 1.66547E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 4.11279E+05 EV. THE GAMMA WIDTH 1.66547E-01 DEVIATES TOO MUCH FROM THE AV
45. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 4.36332E+05 EV. THE GAMMA WIDTH 6.82769E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width
- FILE 2
SECTION 151
ISOTOPE MASS = 53. L = 1
AT RESONANCE ENERGY 4.36332E+05 EV. THE GAMMA WIDTH 6.82769E+00 DEVIATES TOO MUCH FROM THE AV
46. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE

ENERGY 4.47380E+05 EV. THE GAMMA WIDTH 5.50387E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 4.47380E+05 EV. THE GAMMA WIDTH 5.50387E+00 DEVIATES TOO MUCH FROM THE AV

47. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 4.48175E+05 EV. THE GAMMA WIDTH 4.10821E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 4.48175E+05 EV. THE GAMMA WIDTH 4.10821E+00 DEVIATES TOO MUCH FROM THE AV

48. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 4.59158E+05 EV. THE GAMMA WIDTH 4.27202E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 4.59158E+05 EV. THE GAMMA WIDTH 4.27202E+00 DEVIATES TOO MUCH FROM THE AV

49. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 4.67721E+05 EV. THE GAMMA WIDTH 3.95541E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 4.67721E+05 EV. THE GAMMA WIDTH 3.95541E+00 DEVIATES TOO MUCH FROM THE AV

50. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 4.93007E+05 EV. THE GAMMA WIDTH 1.67052E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 4.93007E+05 EV. THE GAMMA WIDTH 1.67052E-01 DEVIATES TOO MUCH FROM THE AV

51. Gamma width not in agreement with PSYCHE's expectations

FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 5.17568E+05 EV. THE GAMMA WIDTH 3.15272E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 5.17568E+05 EV. THE GAMMA WIDTH 3.15272E+00 DEVIATES TOO MUCH FROM THE AV

52. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 5.21593E+05 EV. THE GAMMA WIDTH 3.56909E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 5.21593E+05 EV. THE GAMMA WIDTH 3.56909E+00 DEVIATES TOO MUCH FROM THE AV

53. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 5.27102E+05 EV. THE GAMMA WIDTH 2.15918E-01 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 5.27102E+05 EV. THE GAMMA WIDTH 2.15918E-01 DEVIATES TOO MUCH FROM THE AV

54. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 5.29000E+05 EV. THE GAMMA WIDTH 3.55721E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 5.29000E+05 EV. THE GAMMA WIDTH 3.55721E+00 DEVIATES TOO MUCH FROM THE AV

55. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 53. L = 1 / AT RESONANCE ENERGY 5.31380E+05 EV. THE GAMMA WIDTH 5.04219E+00 DEVIATES TOO MUCH FROM THE AVERAGE 1.03060E+00 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 53. L = 1

AT RESONANCE ENERGY 5.31380E+05 EV. THE GAMMA WIDTH 5.04219E+00 DEVIATES TOO MUCH FROM THE AV

56. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 107 / THE CALCULATED Q 2.01714E+06 DISSAGREES WITH THE GIVEN Q 1.79500E+06 (0): Iffy Q

FILE 3

SECTION 107

THE CALCULATED Q 2.01714E+06 DISSAGREES WITH THE GIVEN Q 1.79500E+06

- fudge-4.0 Warnings:

1. Cross section does not match sum of linked reaction cross sections
crossSectionSum label 1: nonelastic (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 97.13%

2. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 0 (total): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
3. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 0 (total): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
4. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 0 (total): / Form 'eval': / Component 3 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
5. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 0 (total): / Form 'eval': / Component 4 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
6. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 1 (n + Cr53): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
7. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 1 (n + Cr53): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
8. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 2 (nonelastic): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
9. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 2 (nonelastic): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
10. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 2 (nonelastic): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

11. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (n[multiplicity:'2'] + Cr52 + gamma): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

12. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (n[multiplicity:'2'] + Cr52 + gamma): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

13. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (n[multiplicity:'2'] + Cr52 + gamma): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

14. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (n[multiplicity:'2'] + Cr52 + gamma): / Form 'eval': / Component 3 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

15. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 5 (n + He4 + Ti49 + gamma): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

16. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 5 (n + He4 + Ti49 + gamma): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

17. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 5 (n + He4 + Ti49 + gamma): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

18. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 5 (n + He4 + Ti49 + gamma): / Form 'eval': / Component 3 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

19. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 6 ($n + H1 + V52 + \gamma$): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

20. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 6 ($n + H1 + V52 + \gamma$): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

21. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 6 ($n + H1 + V52 + \gamma$): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

22. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 6 ($n + H1 + V52 + \gamma$): / Form 'eval': / Component 3 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

23. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 7 ($n + Cr53_e1$): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

24. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 7 ($n + Cr53_e1$): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

25. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 7 ($n + Cr53_e1$): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

26. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 7 ($n + Cr53_e1$): / Form 'eval': / Component 3 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

27. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 8 ($n + Cr53_e2$): / Form 'eval': / Component 0 (Error # 0): Condition num.

- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
28. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 8 ($n + Cr53_e2$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
29. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 8 ($n + Cr53_e2$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
30. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 8 ($n + Cr53_e2$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
31. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 9 ($n + Cr53_e3$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
32. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 9 ($n + Cr53_e3$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
33. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 9 ($n + Cr53_e3$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
34. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 9 ($n + Cr53_e3$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
35. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 10 ($n + Cr53_e4$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
36. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 10 ($n + Cr53_e4$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

37. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 10 ($n + Cr53.e4$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
38. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 10 ($n + Cr53.e4$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
39. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 11 ($n + Cr53.e5$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
40. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 11 ($n + Cr53.e5$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
41. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 11 ($n + Cr53.e5$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
42. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 11 ($n + Cr53.e5$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
43. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 12 ($n + Cr53.e6$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
44. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 12 ($n + Cr53.e6$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
45. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 12 ($n + Cr53.e6$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
46. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 12 ($n + Cr53.e6$): / Form 'eval': / Component 3 (Error # 0): Condition num.

- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
47. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 13 ($n + Cr53.e7$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
48. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 13 ($n + Cr53.e7$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
49. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 13 ($n + Cr53.e7$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
50. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 13 ($n + Cr53.e7$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
51. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 14 ($n + Cr53.e8$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
52. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 14 ($n + Cr53.e8$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
53. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 14 ($n + Cr53.e8$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
54. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 14 ($n + Cr53.e8$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
55. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 15 ($n + Cr53.e9$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

56. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 15 ($n + Cr53_e9$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
57. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 15 ($n + Cr53_e9$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
58. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 15 ($n + Cr53_e9$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
59. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 16 ($n + Cr53_e10$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
60. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 16 ($n + Cr53_e10$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
61. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 16 ($n + Cr53_e10$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
62. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 16 ($n + Cr53_e10$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
63. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 17 ($n + Cr53_e11$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
64. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 17 ($n + Cr53_e11$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
65. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 17 ($n + Cr53_e11$): / Form 'eval': / Component 2 (Error # 0): Condition num.

- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
66. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 17 ($n + Cr53_e11$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
67. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 18 ($n + Cr53_e12$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
68. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 18 ($n + Cr53_e12$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
69. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 18 ($n + Cr53_e12$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
70. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 18 ($n + Cr53_e12$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
71. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 19 ($n + Cr53_e13$): / Form 'eval': / Component 0 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
72. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 19 ($n + Cr53_e13$): / Form 'eval': / Component 1 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
73. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 19 ($n + Cr53_e13$): / Form 'eval': / Component 2 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small
74. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 19 ($n + Cr53_e13$): / Form 'eval': / Component 3 (Error # 0): Condition num.
- WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

75. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 20 ($n + (Cr53_c \rightarrow Cr53 + \gamma)$): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

76. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 20 ($n + (Cr53_c \rightarrow Cr53 + \gamma)$): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

77. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 20 ($n + (Cr53_c \rightarrow Cr53 + \gamma)$): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

78. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 21 ($Cr54 + \gamma$): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

79. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 21 ($Cr54 + \gamma$): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

80. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 21 ($Cr54 + \gamma$): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

81. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 22 ($H1 + (V53_s \rightarrow V53 + \gamma)$): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

82. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 22 ($H1 + (V53_s \rightarrow V53 + \gamma)$): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

83. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 22 ($H1 + (V53_s \rightarrow V53 + \gamma)$): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

84. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 22 ($H1 + (V53_s \rightarrow V53 + \gamma)$): / Form 'eval': / Component 3 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

85. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 23 ($He4 + (Ti50_s \rightarrow Ti50 + \gamma)$): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

86. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 23 ($He4 + (Ti50_s \rightarrow Ti50 + \gamma)$): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

87. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 23 ($He4 + (Ti50_s \rightarrow Ti50 + \gamma)$): / Form 'eval': / Component 2 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

88. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 23 ($He4 + (Ti50_s \rightarrow Ti50 + \gamma)$): / Form 'eval': / Component 3 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

- fudge-4.0 Errors:

1. Calculated and tabulated Q values disagree.
reaction label 15: $n[multiplicity:2'] + Cr52 + \gamma$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -7516522.915336609 eV vs -7.94e6 eV!

2. Calculated and tabulated Q values disagree.
reaction label 16: $n + H1 + V52 + \gamma$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -11212634.70957947 eV vs -1.1134e7 eV!

3. Calculated and tabulated Q values disagree.
reaction label 17: Cr54 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 9847092.092170715 eV vs 9719090. eV!

4. Calculated and tabulated Q values disagree.
reaction label 18: n + He4 + Ti49 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -9684715.636672974 eV vs -9.15e6 eV!

5. Calculated and tabulated Q values disagree.
reaction label 19: H1 + (V53_s -> V53 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2211598.518463135 eV vs -2.64e6 eV!

6. Calculated and tabulated Q values disagree.
reaction label 20: He4 + (Ti50_s -> Ti50 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 697481.6401367188 eV vs 1.795e6 eV!

7. Multiplicity does not match sum of linked product multiplicities!
multiplicitySum label 4: Cr54 + gamma total gamma multiplicity (Error # 0): summed-MultiplicityMismatch

WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 50.27%

8. A summed covariance refers to another which refers back to the first which refers the second which refers to the first which refers to the ...
(Error # 5): Cyclic

n-024_Cr_053.endf: WARNING: Cyclic dependency in summed covariances for sections /covarianceSuite/section[@label

- njoy2012 Warnings:

1. Message comes from several resonance types that do not support the calculation of angular distributions. Some of them can be used if Want_SAMRL_RM or Want_SAMRML_BW are true.
reconr...reconstruct pointwise cross sections in pendf format (0): RECONR/calculation of angular distribution not installed (0)

---message from rdf2bw---calculation of angular distribution not installed.
 samm max legendre order: 0

2. Evaluation has no unresolved resonance parameters given
unresr...calculation of unresolved resonance cross sections (0): No URR

---message from unresr---mat 2434 has no unresolved parameters
 copy as is to nout

3. Evaluation has no unresolved resonance parameters given
purr...probabalistic unresolved calculation (0): No URR

---message from purr---mat 2434 has no unresolved parameters
 copy as is to nout

4. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (0): ACER/check energy distributions (0)

check energy distributions
consis: ep.gt.epmax 9.629565E-12 with q.lt.0 for (n,x) at e 1.000000E-11 -> 1.000000E-11
5. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (1): ACER/check energy distributions (0)

check energy distributions
consis: awr.lt.180---this is probably an error.
6. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (2): ACER/check energy distributions (0)

check energy distributions
consis: shifting eprimes greater than epmax and renorming the distribution
7. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (3): ACER/check energy distributions (0)

check energy distributions
consis: ep.gt.epmax 2.118504E+01 with q.lt.0 for (n,x) at e 2.200000E+01 -> 2.134335E+01
8. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (4): ACER/check energy distributions (0)

check energy distributions
consis: awr.lt.180---this is probably an error.
9. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (5): ACER/check energy distributions (0)

check energy distributions
consis: shifting eprimes greater than epmax and renorming the distribution
10. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (6): ACER/check energy distributions (0)

check energy distributions
consis: ep.gt.epmax 2.503686E+01 with q.lt.0 for (n,x) at e 2.600000E+01 -> 2.526856E+01
11. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (7): ACER/check energy distributions (0)

check energy distributions
consis: awr.lt.180---this is probably an error.
12. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (8): ACER/check energy distributions (0)

check energy distributions
consis: shifting eprimes greater than epmax and renorming the distribution
13. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (9): ACER/check energy distributions (0)

- check energy distributions
consis: ep.gt.epmax 2.696277E+01 with q.lt.0 for (n,x) at e 2.800000E+01 -> 2.723117E+01
14. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (10): ACER/check energy distributions (0)
- check energy distributions
consis: awr.lt.180---this is probably an error.
15. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (11): ACER/check energy distributions (0)
- check energy distributions
consis: shifting eprimes greater than epmax and renorming the distribution
16. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (12): ACER/check energy distributions (0)
- check energy distributions
consis: ep.gt.epmax 3.370347E+01 with q.lt.0 for (n,x) at e 3.500000E+01 -> 3.410030E+01
17. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (13): ACER/check energy distributions (0)
- check energy distributions
consis: awr.lt.180---this is probably an error.
18. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (14): ACER/check energy distributions (0)
- check energy distributions
consis: shifting eprimes greater than epmax and renorming the distribution
19. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (15): ACER/check energy distributions (0)
- check energy distributions
consis: ep.gt.epmax 3.851825E+01 with q.lt.0 for (n,x) at e 4.000000E+01 -> 3.900681E+01
20. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (16): ACER/check energy distributions (0)
- check energy distributions
consis: awr.lt.180---this is probably an error.
21. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (17): ACER/check energy distributions (0)
- check energy distributions
consis: shifting eprimes greater than epmax and renorming the distribution
22. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (18): ACER/check energy distributions (0)
- check energy distributions
consis: ep.gt.epmax 6.740695E+01 with q.lt.0 for (n,x) at e 7.000000E+01 -> 6.820059E+01

23. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (19): ACER/check energy distributions (0)
- check energy distributions
 consis: awr.lt.180---this is probably an error.
24. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (20): ACER/check energy distributions (0)
- check energy distributions
 consis: shifting eprimes greater than epmax and renorming the distribution
25. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (21): ACER/check energy distributions (0)
- check energy distributions
 consis: ep.gt.epmax 7.703652E+01 with q.lt.0 for (n,x) at e 8.000000E+01 -> 7.801363E+01
26. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (22): ACER/check energy distributions (0)
- check energy distributions
 consis: awr.lt.180---this is probably an error.
27. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (23): ACER/check energy distributions (0)
- check energy distributions
 consis: shifting eprimes greater than epmax and renorming the distribution
28. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (24): ACER/check energy distributions (0)
- check energy distributions
 consis: ep.gt.epmax 8.185130E+01 with q.lt.0 for (n,x) at e 8.500000E+01 -> 8.193884E+01
29. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (25): ACER/check energy distributions (0)
- check energy distributions
 consis: awr.lt.180---this is probably an error.
30. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (26): ACER/check energy distributions (0)
- check energy distributions
 consis: shifting eprimes greater than epmax and renorming the distribution
31. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (27): ACER/check energy distributions (0)
- check energy distributions
 consis: ep.gt.epmax 8.666608E+01 with q.lt.0 for (n,x) at e 9.000000E+01 -> 8.684536E+01
32. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (28): ACER/check energy distributions (0)

- check energy distributions
consis: awr.lt.180---this is probably an error.
33. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (29): ACER/check energy distributions (0)
- check energy distributions
consis: shifting eprimes greater than epmax and renorming the distribution
34. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (30): ACER/check energy distributions (0)
- check energy distributions
consis: ep.gt.epmax 9.148087E+01 with q.lt.0 for (n,x) at e 9.500000E+01 -> 9.175187E+01
35. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (31): ACER/check energy distributions (0)
- check energy distributions
consis: awr.lt.180---this is probably an error.
36. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (32): ACER/check energy distributions (0)
- check energy distributions
consis: shifting eprimes greater than epmax and renorming the distribution
37. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (33): ACER/check energy distributions (0)
- check energy distributions
consis: ep.gt.epmax 9.629565E+01 with q.lt.0 for (n,x) at e 1.000000E+02 -> 9.665839E+01
38. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (34): ACER/check energy distributions (0)
- check energy distributions
consis: awr.lt.180---this is probably an error.
39. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (35): ACER/check energy distributions (0)
- check energy distributions
consis: shifting eprimes greater than epmax and renorming the distribution
40. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (36): ACER/check energy distributions (0)
- check energy distributions
consis: ep.gt.epmax 1.348138E+02 with q.lt.0 for (n,x) at e 1.400000E+02 -> 1.349292E+02
41. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (37): ACER/check energy distributions (0)
- check energy distributions
consis: awr.lt.180---this is probably an error.

42. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (38): ACER/check energy distributions (0)
- check energy distributions
 consis: shifting eprimes greater than epmax and renorming the distribution
43. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (39): ACER/check energy distributions (0)
- check energy distributions
 consis: ep.gt.epmax 1.444434E+02 with q.lt.0 for (n,x) at e 1.500000E+02 -> 1.447423E+02
44. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (40): ACER/check energy distributions (0)
- check energy distributions
 consis: awr.lt.180---this is probably an error.
45. There is bad Kalbach parameter (r(E) or otherwise)
check...ace consistency check (41): ACER/check energy distributions (0)
- check energy distributions
 consis: shifting eprimes greater than epmax and renorming the distribution
46. Only partial urr covariance data was given.
errorr...produce cross section covariances (0): ERRORR/resprx (5)
- message from resprx---mf2 nls=2, but mf32 nls=0
 continue with partial urr covariance data
47. No scattering radius uncertainty given.
errorr...produce cross section covariances (1): ERRORR/rpxlc12 (0)
- message from rpxlc12---no scattering radius uncertainty
48. Generic warning message
errorr...produce cross section covariances (2): Warning
- message from rpxlc12---resonance parameter loop done 132.9s
49. Generic warning message
errorr...produce cross section covariances (3): Warning
- message from rpxlc12---sensitivity calculation continues 566.7s
50. Generic warning message
errorr...produce cross section covariances (4): Warning
- message from rpxlc12---sensitivity calculation completed 1237.4s
51. The number of coefficients is too big.
covr...process covariance data (1): COVR/matshd (3)


```

---message from matshd--- 18 coefficients > 2
                           reset and continue

```

- **acelst** Warnings:

1. The incident energy grid is not monotonic for this angular distribution
0: Bad Ang. Dist.

```

ACELST WARNING - Processing Ang.Dist.MT          2
                  E-grid non-monotonic    2.000000000E+01 2.000000000E+01

```

- **xsectplotter** Errors:

1. Exception `IndexError` was thrown
/usr/local/lib/python2.7/site-packages/matplotlib-1.5.3-py2.7-linux-x86_64.egg/matplotlib/font_manager.py:2
UserWarning: Matplotlib is building the font cache using fc-list. This may take a mo-
ment. (Error # 2): IndexError

```

IndexError: list index out of range

```